

# **CUSHION FOR PROTECTION OF A VEHICLE OCCUPANT'S HEAD**

## **ABSTRACT**

A cushion for protecting a vehicle occupant's head. The cushion inflates and deploys smoothly and is configured so that gas leakage out of the cushion is reduced in order to maintain the inner pressure high for an extended period of time. The cushion includes a protective cushion element and outer shell fabrics superposed on both outer surfaces of the protective cushion element. The cushion element includes a cabin-side base fabric and a window-side base fabric that are sewn together by sewing yarns after being bonded to each other by adhesive. The outer shell fabrics are bonded to the protective cushion element by adhesives. When the protective cushion element is inflated, the outer shell fabrics are tightly stretched over the outer surfaces of the inflated protective cushion element so as to cover a depressed portions of the base fabrics.

## Figures

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